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## COMMUNICATION TO EXAMINER

### TO THE ATTENTION OF:

### EXAMINER MARK HELLNER

#### FROM:

**Name** Carl A. Kukkonen, III

**Date** April 15, 2008

**# of Pages** 6

#### TO:

Name	Company	Business#	Fax #
Mark Hellner - Examiner	United States Patent Office	571 272 6981	571 273 6981

#### Re: IDS

In accordance with our telephone call this morning, attached is a copy of the IDS submitted on May 5, 2005 for your review and acknowledgement. If you have any questions, my direct line is (858) 320-3035.

Thank you.

Carl Kukkonen

Please call us at 858-320-3000 if you experience any problems.

#### STATEMENT OF CONFIDENTIALITY

The information contained in this fax is intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, you are hereby notified that any form or dissemination of this communication is strictly prohibited. If this fax was sent in error, please immediately notify us by phone.

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

BOSTON | WASHINGTON | NEW YORK | STAMFORD | LOS ANGELES | PALO ALTO | SAN DIEGO | LONDON

Attorney's Docket No.: 18325-002001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Reinhard Bruch and Jutta Gietl      Art Unit : 2828  
Serial No. : 10/809,932      Examiner : Unknown  
Filed : March 26, 2004  
Title : MOBILE TERA WATT FEMTOSECOND LASER SYSTEM (MTFLS) FOR  
LONG RANGE SPECTRAL SENSING AND IDENTIFICATION OF  
BIOAEROSOLS AND CHEMICAL AGENTS IN THE ATMOSPHERE

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 5, 2005  
Date of Deposit

Veronica Whalen  
Signature

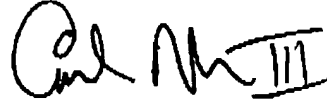
Veronica Whalen  
Typed or Printed Name of Person Signing Certificate

Applicant : Reinhard Bruch and Jutta Gietl  
Serial No. : 10/809,932  
Filed : March 26, 2004  
Page : 2 of 2

Attorney's Docket No.: 18325-002001

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,




Date: 5/5/05

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Attorney's Docket No. <b>18325-002001</b>	Express Mail Label No.	Filing Date May 5, 2005	<b>For PTO Use Only</b> <i>Do Not Mark in This Area</i>	
Application No. <b>10/809,932</b>	Filing Date <b>March 26, 2004</b>	Attorney/Secretary Init <b>CAK/vzw</b>		
Title of the Invention <b>MOBILE TERAWATT FEMTOSECOND LASER SYSTEM (MTFLS) FOR LONG RANGE SPECTRAL SENSING AND IDENTIFICATION OF BIOAEROSOLS AND CHEMICAL AGENTS IN THE ATMOSPHERE</b>				
Applicant <b>Reinhard Bruch and Jutta Gietl</b>				
Enclosures · Information Disclosure Statement (2 pages); · Form PTO-1449 (2 pages); · Documents listed on the Form PTO-1449 (15 documents); 				

Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18325-002001	Application No. 10/809,932
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant <b>Reinhard Bruch and Jutta Gietl</b>	
		Filing Date <b>March 26, 2004</b>	Group Art Unit <b>2828</b>
(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
MAU	AA	5,175,664	12/29/92	Diels et al.	—	—	
I	AB	5,726,855	03/10/98	Mourou et al.	—	—	
MAU	AC	60/412,535	9/20/02	Bruch et al.	—	—	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AD							

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
MAU	AE	A. Braun, et al., <i>Self-channeling of high-peak-power femtosecond laser pulses in air</i> , Optics Letters, Vol. 20, 73-73 (1995).
MAU	AF	Catherine Favre, et al., <i>White-Light Nanosource and Directional Emission</i> , Physical Review Letters, Vol. 89, 035002-1-035002-4 (2002)
MAU	AG	D.A. Ligon, et al., <i>Simulation of the Passive Infrared Spectral Signatures of Bioaerosol and Natural Fog Clouds Immersed in the Background Atmosphere</i> , Optics Express, Vol. 10, 909-919 (2002).
MAU	AH	Dieter Naumann, et al., <i>What Can Infrared Spectroscopy Tell Us About the Structure and Composition of Intact Bacterial Cells?</i> , Infrared Spectroscopy of Biomolecules, ed. by H.H. Mantsch and D. Chapman, Wiley-Liss, New York (1996)
MAU	AI	<i>Differential Optical Absorption Spectroscopy (DOAS)</i> , U. Platt, Air Monitoring by Spectroscopic Techniques (Chemical Analysis, Vol. 127), M.W. Sigrist (ed.), Wiley-Interscience (1994).
MAU	AJ	G.S. Sarkisov, et al., <i>Self-focusing, Channel Formation, and High-Energy Ion Generation in Interaction of an Intense Short Laser Pulse with a He Jet</i> , Physical Review E, Vol. 59, 7042-7054 (1999)
MAU	AK	H. Wille, et al., <i>Teramobile: A Mobile Femtosecond-Terawatt Laser and Detection System</i> , European Physical Journal Applied Physics, Vol. 20, 183-190 (2002).
MAU	AL	J. Kasparian, et al., <i>Infrared Extension of the Supercontinuum Generated by Femtosecond Terawatt Laser Pulses propagating in the Atmosphere</i> , Optics Letters, Vol. 25, 1397-1399 (2000).
MAU	AM	J. Kasparian, et al., <i>The Critical Laser Intensity of Self-guided Light Filaments in Air</i> , Applied Physics B, Vol. 71, 877-879 (2000).
MAU	AN	Jean-Claude Diels, et al., <i>Ultrashort Laser Pulse Phenomena</i> , Optics and Photonics, Academy Press, San Diego (1996).
MAU	AO	M.O. Scully, <i>FAST CARS: Engineering a laser spectroscopic technique for Rapid Identification of Bacterial Spores</i> , Proceedings of the National Academy of Sciences, Vol. 99, 10994-1101 (2002).
MAU	AP	P. Rairoux, et al., <i>Remote Sensing of the Atmosphere Using Ultrashort Laser Pulses</i> , Applied Physics B, Vol. 71, 573-580 (2000).
MAU	AQ	P.B. Corkum, et al., <i>Supercontinuum Generation in Gases</i> , Physical Review Letters, Vol. 57, 2268-2271 (1986).

Examiner Signature <b>Mark Hellner</b>	Date Considered <b>04/15/2008</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)

Sheet 2 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 18325-002001	Application No. 10/809,932
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant <b>Reinhard Bruch and Jutta Gietl</b>	
		Filing Date <b>March 26, 2004</b>	Group Art Unit <b>2828</b>

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
gmp	AR	Senator Bill Frist, M.D., <i>When Every Moment Counts: What you Need to Know About Bioterrorism From the Senate's Only Doctor</i> , Roman and Littlefield Publishers, Lanham (2002).
gmp	AS	Steve C. Hill, et al, <i>Enhanced Backward-Directed Multiphoton-Excited Fluorescence from Dielectric Microcavities</i> , Physical Review Letters, Vol. 85, 54-57 (2000).

Examiner Signature <b>Mark Hellner</b>	Date Considered <b>04/15/2008</b>
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